

CLAIMS

1. An oral composition for alveolar bone resorption inhibition and periodontal membrane loss inhibition, comprising a
5 soy isoflavone aglycone, calcium, and vitamin D₃.

2. An agent for preventing or treating gingival recession, comprising a soy isoflavone aglycone, calcium, and vitamin D₃.

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3. An agent for preventing or treating alveolar bone resorption and periodontal membrane loss, comprising a soy isoflavone aglycone, calcium, and vitamin D₃.

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4. A composition or agent according to any one of claims 1 to 3, wherein the proportion of soy isoflavone aglycone in the composition or agent is 0.001% to 10% by weight; and the proportion of calcium in the composition or agent is 0.01% to 50% by weight.

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5. A composition or agent according to any one of claims 1 to 3, wherein the composition or agent is for persons having decreased bone density, postmenopausal women, or periodontal disease patients in a maintenance phase.

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6. A composition according to claim 1, wherein the soy isoflavone aglycone is an extract from whole-grain soy; the genistein/daidzein weight ratio in the soy isoflavone aglycone is in the range of 1/1 to 1.5/1; and the proportion of the total
30 weight of genistein and daidzein in the soy isoflavone aglycone is at least 90%.

7. A method for inhibiting alveolar bone resorption and periodontal membrane loss, comprising orally administering a
35 composition according to any one of claims 1 to 6.

8. A method for preventing or treating gingival recession, comprising orally administering a soy isoflavone aglycone, calcium, and vitamin D₃.

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9. A method for preventing or treating alveolar bone resorption and periodontal membrane loss, comprising orally administering a soy isoflavone aglycone, calcium, and vitamin D₃.

10 10. A method according to claim 8 or 9, wherein the soy isoflavone aglycone, calcium, and vitamin D₃ are administered to persons having decreased bone density, postmenopausal women, or periodontal disease patients in a maintenance phase.

15 11. A method according to claim 9 or 10, wherein the soy isoflavone aglycone is administered in an amount of 10 mg to 40 mg per day; and calcium is administered in an amount of 500 mg to 2000 mg per day.